



Please type a plus sign (+) inside this box → ☐

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete If Known</b>			
		Application Number	10/733,058		
		Filing Date	December 11, 2003		
		First Named Inventor	Hikaru Kobayashi et al.		
		Group Art Unit	2854		
		Examiner Name	Unassigned		
Sheet		of		Attorney Docket Number	075834.00460

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
WAG/LL	US1	6,648,532		Furuya et al.	11/18/2003	
WAG/LL	US2	6,585,438		Hosokawa et al.	7/1/2003	
WAG/LL	US3	6,142,688		Hideo Saito	11/7/2000	
WAG/LL	US4	6,113,294		Akihiko Niwa	9/5/2000	
WAG/LL	US5	5,957,597		Shigeki Kato	9/28/1999	
WAG/LL	US6	5,913,624		Toshimasa Ikegami	6/22/1999	
WAG/LL	US7	5,823,694		Toshimasa Ikegami	10/20/1998	
WAG/LL	US8	5,556,213		Kudo et al.	9/17/1996	
WAG/LL	US9	5,505,552		Hasegawa et al.	4/9/1996	
	US10					
	US11					
	US12					
	US13					
	US14					
	US15					
	US16					
	US17					
	US18					
	US19					
	US20					

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	F1							
	F2							
	F3							
	F4							
	F5							
	F6							
	F7							
	F8							
	F9							
	F10							

Examiner Signature	<i>Matthew Miller</i>	Date Considered	3/9/06
-----------------------	-----------------------	--------------------	--------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.